



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 11652

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1876 LB Formation MARINGTON Eff. Pay Ft.

District 12 PRATT

Date 10-27-86 Customer Order No.

COMPANY NAME Hammon Corp

ADDRESS 400 ONE MAIN PLACE

Wichita, Kansas 67202

LEASE AND WELL NO. #1 Lambert

COUNTY Barber

STATE KANSAS Sec. 4 Twp. 30s Rge. 13w

Mail Invoice To Same

Co. Name

Address

No. Copies Requested Kgg

Mail Charts To Same

Address

No. Copies Requested Kgg

Formation Test No. 1 Interval Tested From 4310 ft. to 4380 ft. Total Depth 4380 ft.

Packer Depth 4305 ft. Size 6 7/8 in.

Packer Depth ft. Size in.

Packer Depth 4310 ft. Size 6 7/8 in.

Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4313 ft.

Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4316 ft.

Recorder Number 1051 Cap. 4250

Below Straddle Recorder Depth ft.

Recorder Number Cap.

Drilling Contractor Red Tiger Rig

Drill Collar Length I. D. in.

Mud Type Chemical Viscosity 46

Weight Pipe Length 1075 I. D. 2 1/2 in.

Weight 9.0 Water Loss 8.0 cc.

Drill Pipe Length 3213 I. D. 3 1/8 in.

Chlorides 2300 P.P.M.

Test Tool Length 22 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number

Anchor Length 70 (31+39) Size 4 1/2 + 5 1/2 in.

Did Well Flow? NO Reversed Out NO

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Strong blow on initial flow gas to surface 3 minutes
seal flow check

Recovered 850 ft. of free oil

Recovered 300 ft. of frothy oil

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 3:00 A.M. Time Pick Up Tool 5:45 A.M. Time Off Location 3:00 A.M.

Time Set Packer(s) 7:00 A.M. Time Started Off Bottom 11:45 A.M. Maximum Temperature 121°F

Initial Hydrostatic Pressure (A) 2292 P.S.I.

Initial Flow Period Minutes 30 (B) 114 P.S.I. to (C) 156 P.S.I.

Initial Closed In Period Minutes 45 (D) 1298 P.S.I.

Final Flow Period Minutes 120 (E) 239 P.S.I. to (F) 364 P.S.I.

Final Closed In Period Minutes 90 (G) 1454 P.S.I.

Final Hydrostatic Pressure (H) P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative. [Signature] 2074

FIELD INVOICE

Open Hole Test \$ 400.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	10-27-86	TICKET	:	11652
CUSTOMER	:	HUMMON CORPORATION	LEASE	:	LAMBERT
WELL	:	#1	TEST:	:	1
ELEVATION	:	1876 KB	GEOLOGIST	:	R.C. LEWELLYN
SECTION	:	4	FORMATION	:	MARINGTON
RANGE	:	13W	COUNTY	:	BARBER
GAUGE SN#	:	2606	RANGE	:	4150
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4310	TO	:	4380	TOTAL DEPTH	:	4380
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4305	SIZE	:	6.63			
PACKER DEPTH	:	4310	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	REED TIGER RIG #4			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	46
WEIGHT	:	9.0	WATER LOSS (CC)	:	8.0
CHLORIDES (PPM)	:	2300			
JARS-MAKE	:	NO	SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	1075	FT	I.D. inch	:	2.25
DRILL PIPE LENGTH	:	3213	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	70	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : STRONG BLOW ON THE INITIAL FLOW. GAS TO SURFACE
BLOW COMMENT #2 : IN 3 MINUTES. SEE ATTACHED FLOW CHART.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 850 FT OF: FREE OIL
RECOVERED : 300 FT OF: FROGGY OIL

Total Barrels Fluid = 6.34
Total Fluid Prod Rate = 60.85 BFPD
Indicated Oil Rate = 60.85 BOPD
Corrected Oil Rate = 30.82 BOPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:00 PM

TIME STARTED OFF BOTTOM : 11:45 PM

WELL TEMPERATURE : 121

INITIAL HYDROSTATIC PRESSURE

(A) 2094

INITIAL FLOW PERIOD MIN: 35

(B) 126 PSI TO (C) : 158

INITIAL CLOSED IN PERIOD MIN: 51

(D) 1300

FINAL FLOW PERIOD MIN: 115

(E) 243 PSI TO (F) : 347

FINAL CLOSED IN PERIOD MIN: 111

(G) 1466

FINAL HYDROSTATIC PRESSURE

(H) 2068

GAS FLOW REPORT

Date : 10-27-86	Ticket # : 11652
Customer : HUMMON CORPORATION	Lease : LAMBERT
Well : #1	Geologist : R.C. LEWELLYN
Test : 1	
Elevation (KB) : 1876	Formation : MARINGTON
Section : 4	Township : 30S
Range : 13W	County : BARBER
	State : KANSAS
Gauge SN # : 2606	Range : 4150
	Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

3	MERLA	1/2"		GAS TO SURFACE
10	MERLA	1/2"	58 " WTR	47800 CFPD
20	MERLA	1/2"	26 " WTR	31900 CFPD
30	MERLA	1/2"	17 " WTR	25800 CFPD

SECOND FLOW

10	MERLA	1/2"	58 " WTR	47800 CFPD
20	MERLA	1/2"	36 " WTR	37600 CFPD
30	MERLA	1/2"	15 " WTR	24500 CFPD
40	MERLA	1/2"	10 " WTR	19900 CFPD
50	MERLA	1/2"	8 " WTR	17200 CFPD
60	MERLA	1/2"	5 " WTR	14100 CFPD
70	MERLA	1/2"	12 " WTR	21900 CFPD
80	MERLA	1/2"	8 " WTR	17200 CFPD
90	MERLA	1/2"	10 " WTR	19900 CFPD
100	MERLA	1/2"	5 " WTR	14100 CFPD
110	MERLA	1/2"	3 " WTR	10900 CFPD
120	MERLA	1/2"	5 " WTR	14100 CFPD

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : HUMMON CORPORATION
RIG : BARBER-KANSAS
FIELD : LAMBERT
WELL : #1
DATE : 10-27-86
GAUGE NO : 2606

OPERATIONAL COMMENTS

COMPANY : HUMMON CORPORATION

FIELD : LAMBERT

WELL : #1

JOB # : 11652

GAUGE # : 2606

DEPTH : 4380

DATE : 27/10/86

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7: 0: 0	0.000	126.000	49.44	0.000
2	7: 4: 60	0.083	126.000	49.44	0.000
3	7:10: 1	0.167	126.000	49.44	0.000
4	7:15: 0	0.250	127.000	49.44	1.000
5	7:19: 60	0.333	133.000	49.44	6.000
6	7:25: 1	0.417	140.000	49.44	7.000
7	7:30: 0	0.500	147.000	49.44	7.000
8	7:34: 60	0.583	158.000	49.44	11.000
9	7:37: 60	0.633	320.000	49.44	162.000
10	7:40: 60	0.683	445.000	49.44	125.000
11	7:43: 60	0.733	595.000	49.44	150.000
12	7:46: 60	0.783	702.000	49.44	107.000
13	7:49: 60	0.833	779.000	49.44	77.000
14	7:52: 60	0.883	846.000	49.44	67.000
15	7:55: 60	0.933	908.000	49.44	62.000
16	7:58: 60	0.983	958.000	49.44	50.000
17	8: 1: 60	1.033	1005.000	49.44	47.000
18	8: 4: 60	1.083	1047.000	49.44	42.000
19	8: 7: 60	1.133	1092.000	49.44	45.000
20	8:10: 60	1.183	1130.000	49.44	38.000
21	8:13: 60	1.233	1169.000	49.44	39.000
22	8:16: 60	1.283	1207.000	49.44	38.000
23	8:19: 60	1.333	1242.000	49.44	35.000
24	8:22: 60	1.383	1275.000	49.44	33.000
25	8:25: 60	1.433	1300.000	49.44	25.000
26	8:27: 0	1.450	243.000	49.44	-1057.000
27	8:31: 1	1.517	243.000	49.44	0.000
28	8:36: 0	1.600	243.000	49.44	0.000
29	8:40: 60	1.683	243.000	49.44	0.000
30	8:46: 1	1.767	245.000	49.44	2.000
31	8:51: 0	1.850	249.000	49.44	4.000
32	8:55: 60	1.933	255.000	49.44	6.000
33	9: 1: 1	2.017	262.000	49.44	7.000
34	9: 5: 60	2.100	267.000	49.44	5.000
35	9:10: 60	2.183	272.000	49.44	5.000
36	9:16: 1	2.267	276.000	49.44	4.000
37	9:21: 0	2.350	280.000	49.44	4.000
38	9:25: 60	2.433	286.000	49.44	6.000
39	9:31: 1	2.517	293.000	49.44	7.000
40	9:36: 0	2.600	298.000	49.44	5.000
41	9:40: 60	2.683	304.000	49.44	6.000
42	9:46: 1	2.767	311.000	49.44	7.000
43	9:51: 0	2.850	316.000	49.44	5.000
44	9:55: 60	2.933	322.000	49.44	6.000
45	10: 1: 1	3.017	326.000	49.44	4.000
46	10: 6: 0	3.100	330.000	49.44	4.000
47	10:10: 60	3.183	336.000	49.44	6.000
48	10:16: 1	3.267	342.000	49.44	6.000
49	10:21: 0	3.350	347.000	49.44	5.000
50	10:24: 0	3.400	451.000	49.44	104.000
51	10:27: 0	3.450	557.000	49.44	106.000
52	10:30: 0	3.500	632.000	49.44	75.000

COMPANY : HUMMON CORPORATION
WELL : #1
GAUGE # : 2606
DATE : 27/10/86

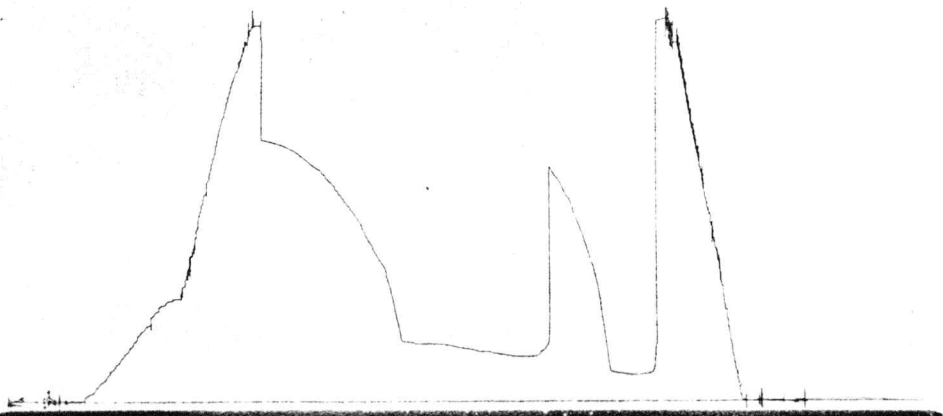
FIELD : LAMBERT
JOB # : 11652
DEPTH : 4380
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	10:33: 0	3.550	692.000	49.44	60.000
54	10:36: 0	3.600	747.000	49.44	55.000
55	10:39: 0	3.650	789.000	49.44	42.000
56	10:42: 0	3.700	827.000	49.44	38.000
57	10:45: 0	3.750	864.000	49.44	37.000
58	10:48: 0	3.800	902.000	49.44	38.000
59	10:51: 0	3.850	939.000	49.44	37.000
60	10:54: 0	3.900	975.000	49.44	36.000
61	10:57: 0	3.950	1007.000	49.44	32.000
62	11: 0: 0	4.000	1041.000	49.44	34.000
63	11: 3: 0	4.050	1072.000	49.44	31.000
64	11: 6: 0	4.100	1107.000	49.44	35.000
65	11: 9: 0	4.150	1140.000	49.44	33.000
66	11:11:60	4.200	1170.000	49.44	30.000
67	11:15: 0	4.250	1194.000	49.44	24.000
68	11:18: 0	4.300	1221.000	49.44	27.000
69	11:21: 0	4.350	1248.000	49.44	27.000
70	11:24: 0	4.400	1272.000	49.44	24.000
71	11:27: 0	4.450	1292.000	49.44	20.000
72	11:30: 0	4.500	1310.000	49.44	18.000
73	11:33: 0	4.550	1330.000	49.44	20.000
74	11:36: 0	4.600	1248.000	49.44	-82.000
75	11:39: 0	4.650	1365.000	49.44	117.000
76	11:42: 0	4.700	1381.000	49.44	16.000
77	11:45: 0	4.750	1393.000	49.44	12.000
78	11:48: 0	4.800	1404.000	49.44	11.000
79	11:51: 0	4.850	1417.000	49.44	13.000
80	11:54: 0	4.900	1427.000	49.44	10.000
81	11:57: 0	4.950	1436.000	49.44	9.000
82	12: 0: 0	5.000	1443.000	49.44	7.000
83	12: 3: 0	5.050	1450.000	49.44	7.000
84	12: 6: 0	5.100	1456.000	49.44	6.000
85	12: 9: 0	5.150	1462.000	49.44	6.000
86	12:12: 0	5.200	1466.000	49.44	4.000

WESTERN TESTERS INC.

1051 DST#1

JK # 11652
0

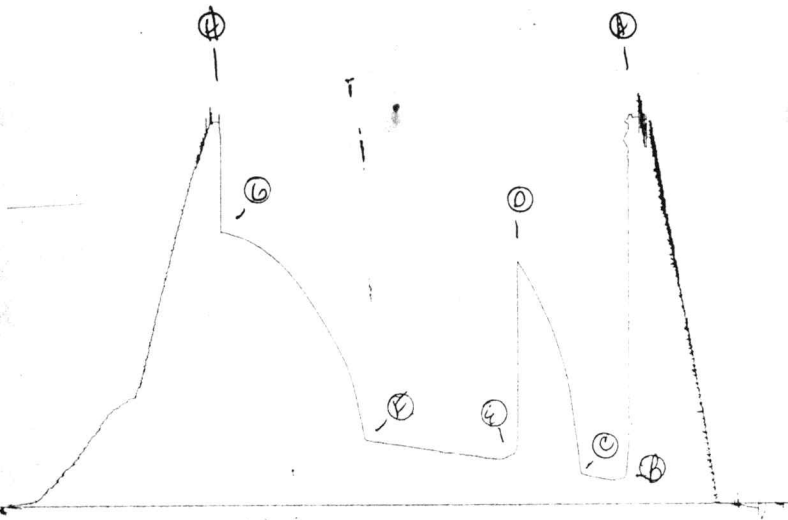


2606 DST #1



OK #11652

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 11653

P. O. BOX 1599 PHONE (316) 262-5861

Elevation 1876 KB Formation Miss Eff. Pay _____ Ft.

WICHITA, KANSAS 67201

District 12 Pratt

Date 10-28-86 Customer Order No. _____

COMPANY NAME Hammon Corp

ADDRESS 400 One main Place Wichita Kansas 67202

LEASE AND WELL NO. #1 Lambert COUNTY Barber STATE KANSAS Sec. 4 Twp. 30S Rge. 13W

Mail Invoice To Same Co. Name _____ Address _____ No. Copies Requested Reg

Mail Charts To Same Address _____ No. Copies Requested Reg

Formation Test No. 2 Interval Tested From 4392 ft. to 4425 ft. Total Depth 4425 ft.

Packer Depth 4387 ft. Size 6 3/8 in. Packer Depth 2 ft. Size 2 in.

Packer Depth 4392 ft. Size 6 3/8 in. Packer Depth 2 ft. Size 2 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4396 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4399 ft. Recorder Number 1051 Cap. 4250

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Red Tiger Rig 4 Drill Collar Length _____ I. D. _____ in.

Mud Type Chem Viscosity 47 Weight Pipe Length 1075 I. D. 2 1/2 in.

Weight 9.0 Water Loss 2.2 cc. Drill Pipe Length 3295 I. D. 3.8 in.

Chlorides 4600 P.P.M. Test Tool Length 22 ft. Tool Size 5/8 OD in.

Jars: Make NO Serial Number _____ Anchor Length 33 ft. Size 5/8 OD in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 IN in.

Blow: fair to good blow on initial flow period
strong blow on final flow

Recovered 780 ft. of gas in pipe 1.50

Recovered 15 ft. of mud slightly oil cut 13.5W

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

Recovered 180 ft gas

Time On Location 9:00 A.M. Time Pick Up Tool 10:15 P.M. Time Off Location 6:00 P.M.

Time Set Packer(s) 11:15 A.M. Time Started Off Bottom 4:00 P.M. Maximum Temperature 122 CF

Initial Hydrostatic Pressure _____ (A) 2135 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 52 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 104 P.S.I.

Final Flow Period _____ Minutes 120 (E) 52 P.S.I. to (F) 31 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 176 P.S.I.

Final Hydrostatic Pressure _____ (H) 2114 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative Bob Jewell

Western Representative Red Smith - Thank you

2076

FIELD INVOICE

Open Hole Test 400
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint NC \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL 400

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 10-28-86	TICKET	: 11653
CUSTOMER	: HUMMON CORPORATION	LEASE	: LAMBERT
WELL	: #1 TEST: 2	GEOLOGIST	: R.C. LEWELLYN
ELEVATION	: 1876	FORMATION	: MISSISSIPPI
SECTION	: 4	TOWNSHIP	: 30S
RANGE	: 13W	COUNTY	: BARBER
GAUGE SN#	: 2606	STATE	: KANSAS
		CLOCK	: 12
		RANGE	: 4150

INTERVAL FROM	: 4392	TO	: 4425	TOTAL DEPTH	: 4425
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4387	SIZE	: 6.63		
PACKER DEPTH	: 4392	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: RED TIGER	RIG	#4		
MUD TYPE	: CHEMICAL	VISCOSITY	:	47	
WEIGHT	: 9.0	WATER LOSS (CC)	:	7.2	
CHLORIDES (PPM)	: 4600				
JARS-MAKE	: NO	SERIAL NUMBER	:		
DID WELL FLOW ?	: NO	REVERSED OUT ?	:	NO	

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	1075	FT	I.D. inch	:	2.25
DRILL PIPE LENGTH	:	3295	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	33	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : FAIR TO GOOD BLOW ON THE INITIAL FLOW.
BLOW COMMENT #2 : STRONG BLOW ON THE FINAL FLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 15 FT OF: MUD- SLIGHTLY OIL CUT

Total Barrels Fluid	=	0.07
Total Fluid Prod Rate	=	0.66 BFPD
Indicated Oil Rate	=	0.07 BOPD
Indicated Wtr Rate	=	0.60 BWPD
Corrected Oil Rate	=	0.58 BOPD
Corrected Wtr Rate	=	5.25 BWPD

REMARK 1 :

REMARK 2 : RECOVERED 180 FEET OF GAS ABOVE FLUID.

REMARK 3 :

REMARK 4 :

SET PACKER(S) : 11:15 AM

TIME STARTED OFF BOTTOM : 4:00 PM

WELL TEMPERATURE : 122

INITIAL HYDROSTATIC PRESSURE

(A) 2131

INITIAL FLOW PERIOD MIN: 35

(B) 37 PSI TO (C) : 37

INITIAL CLOSED IN PERIOD MIN: 42

(D) 94

FINAL FLOW PERIOD MIN: 125

(E) 32 PSI TO (F) : 32

FINAL CLOSED IN PERIOD MIN: 96

(G) 161

FINAL HYDROSTATIC PRESSURE

(H) 2119

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : HUMMON CORPORATION
RIG : BARBER-KANSAS
FIELD : LAMBERT
WELL : #1
DATE : 10-28-86
GAUGE NO : 2606

OPERATIONAL COMMENTS

RECOVERED 180 FEET OF GAS ABOVE FLUID.

COMPANY : HUMMON CORPORATION

FIELD : LAMBERT

WELL : #1

JOB # : 11653

GAUGE # : 2606

DEPTH : 4425

DATE : 28/10/86

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11:15: 0	0.000	37.000	50.00	0.000
2	11:19:60	0.083	37.000	50.00	0.000
3	11:25: 1	0.167	37.000	50.00	0.000
4	11:30: 0	0.250	37.000	50.00	0.000
5	11:34:60	0.333	37.000	50.00	0.000
6	11:40: 1	0.417	37.000	50.00	0.000
7	11:45: 0	0.500	37.000	50.00	0.000
8	11:49:60	0.583	37.000	50.00	0.000
9	11:52:60	0.633	37.000	50.00	0.000
10	11:55:60	0.683	38.000	50.00	1.000
11	11:58:60	0.733	43.000	50.00	5.000
12	12: 1:60	0.783	49.000	50.00	6.000
13	12: 4:60	0.833	55.000	50.00	6.000
14	12: 7:60	0.883	58.000	50.00	3.000
15	12:10:60	0.933	62.000	50.00	4.000
16	12:13:60	0.983	67.000	50.00	5.000
17	12:16:60	1.033	72.000	50.00	5.000
18	12:19:60	1.083	75.000	50.00	3.000
19	12:22:60	1.133	81.000	50.00	6.000
20	12:25:60	1.183	86.000	50.00	5.000
21	12:28:60	1.233	90.000	50.00	4.000
22	12:31:60	1.283	94.000	50.00	4.000
23	12:33: 0	1.300	32.000	50.00	-62.000
24	12:37: 1	1.367	32.000	50.00	0.000
25	12:42: 0	1.450	32.000	50.00	0.000
26	12:46:60	1.533	32.000	50.00	0.000
27	12:52: 1	1.617	32.000	50.00	0.000
28	12:57: 0	1.700	32.000	50.00	0.000
29	13: 1:60	1.783	32.000	50.00	0.000
30	13: 7: 1	1.867	32.000	50.00	0.000
31	13:12: 0	1.950	32.000	50.00	0.000
32	13:16:60	2.033	32.000	50.00	0.000
33	13:22: 1	2.117	32.000	50.00	0.000
34	13:27: 0	2.200	32.000	50.00	0.000
35	13:31:60	2.283	32.000	50.00	0.000
36	13:37: -1	2.367	32.000	50.00	0.000
37	13:42: 0	2.450	32.000	50.00	0.000
38	13:46:60	2.533	32.000	50.00	0.000
39	13:52: 1	2.617	32.000	50.00	0.000
40	13:57: 0	2.700	32.000	50.00	0.000
41	14: 1:60	2.783	32.000	50.00	0.000
42	14: 7: 1	2.867	32.000	50.00	0.000
43	14:12: 0	2.950	32.000	50.00	0.000
44	14:16:60	3.033	32.000	50.00	0.000
45	14:22: 1	3.117	32.000	50.00	0.000
46	14:27: 0	3.200	32.000	50.00	0.000
47	14:31:60	3.283	32.000	50.00	0.000
48	14:37: 1	3.367	32.000	50.00	0.000
49	14:40: 1	3.417	32.000	50.00	0.000
50	14:43: 1	3.467	33.000	50.00	1.000
51	14:46: 1	3.517	37.000	50.00	4.000
52	14:49: 1	3.567	43.000	50.00	6.000

COMPANY : HUMMON CORPORATION

WELL : #1

GAUGE # : 2606

DATE : 28/10/86

FIELD : LAMBERT

JOB # : 11653

DEPTH : 4425

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	14:52: 1	3.617	49.000	50.00	6.000
54	14:55: 1	3.667	56.000	50.00	7.000
55	14:58: 1	3.717	60.000	50.00	4.000
56	15: 1: 1	3.767	66.000	50.00	6.000
57	15: 4: 1	3.817	73.000	50.00	7.000
58	15: 7: 1	3.867	80.000	50.00	7.000
59	15:10: 1	3.917	85.000	50.00	5.000
60	15:13: 1	3.967	89.000	50.00	4.000
61	15:16: 1	4.017	93.000	50.00	4.000
62	15:19: 1	4.067	96.000	50.00	3.000
63	15:22: 1	4.117	99.000	50.00	3.000
64	15:25: 1	4.167	102.000	50.00	3.000
65	15:28: 1	4.217	106.000	50.00	4.000
66	15:31: 1	4.267	110.000	50.00	4.000
67	15:34: 1	4.317	114.000	50.00	4.000
68	15:37: 1	4.367	118.000	50.00	4.000
69	15:40: 1	4.417	122.000	50.00	4.000
70	15:43: 1	4.467	126.000	50.00	4.000
71	15:46: 1	4.517	130.000	50.00	4.000
72	15:49: 1	4.567	134.000	50.00	4.000
73	15:52: 1	4.617	138.000	50.00	4.000
74	15:55: 1	4.667	142.000	50.00	4.000
75	15:58: 1	4.717	146.000	50.00	4.000
76	16: 1: 1	4.767	150.000	50.00	4.000
77	16: 4: 1	4.817	153.000	50.00	3.000
78	16: 7: 1	4.867	156.000	50.00	3.000
79	16:10: 1	4.917	159.000	50.00	3.000
80	16:13: 1	4.967	161.000	50.00	2.000

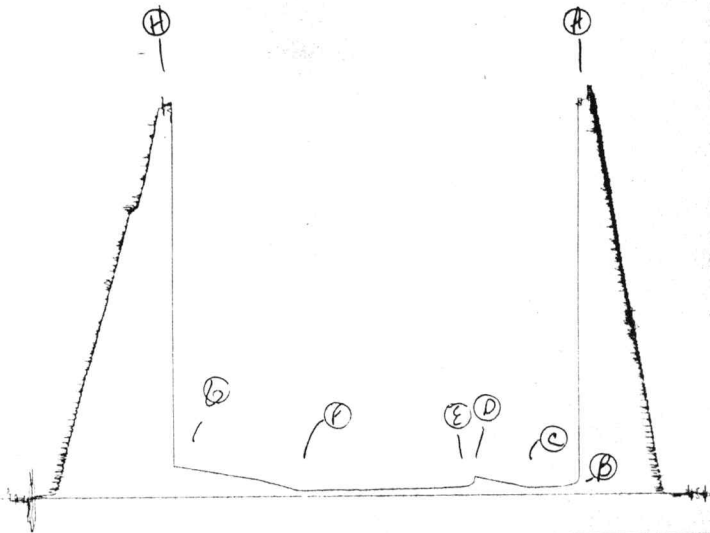
WESTERN TESTERS INC.

2606 DS+42

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OK # 11653

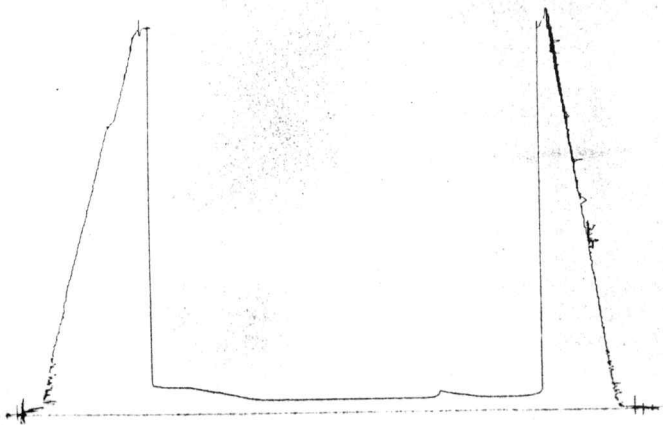
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1051 DST #2

11/653

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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 11654

P. O. BOX 1599 WICHITA, KANSAS 67201

Elevation 1876 KB Formation Viola Eff. Pay Ft.

District Pratt Date 10-29-86 Customer Order No.

COMPANY NAME Hummer Corp

ADDRESS 400 One main Place

LEASE AND WELL NO. #1 Lambert COUNTY Barber STATE Kansas Sec. 4 Twp 30S Rge 13W

Mail Invoice To Same Co. Name Address No. Copies Requested 129

Mail Charts To Same Address No. Copies Requested 129

Formation Test No. 3 Interval Tested From 4485 ft. to 4555 ft. Total Depth 4555 ft.

Packer Depth 4480 ft. Size 6 7/8 in. Packer Depth 4485 ft. Size 6 7/8 in.

Packer Depth 4485 ft. Size 6 7/8 in. Packer Depth 4485 ft. Size 6 7/8 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4490 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4493 ft. Recorder Number 1057 Cap. 4250

Below Straddle Recorder Depth Recorder Number Cap.

Drilling Contractor Red Tiger Rig 4 Drill Collar Length I. D.

Mud Type Chemical Viscosity 53 Weight Pipe Length 1075 I. D. 1 1/2 in.

Weight 9.2 Water Loss 14.4 cc. Drill Pipe Length I. D. 3.8 in.

Chlorides 15,000 P.P.M. Test Tool Length 22 ft. Tool Size 5/8 in.

Jars: Make No Serial Number Anchor Length 70 (31+39) ft. Size 4 1/2 + 5 1/2 in.

Did Well Flow? No Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 + 11 in.

Blow: Strong blow on initial flow

Strong blow deflating to a good blow on final flow

Recovered 20 ft. of Drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 11:00 A.M. Time Pick Up Tool 11:45 A.M. Time Off Location 2:00 P.M.

Time Set Packer(s) 12:45 A.M. Time Started Off Bottom 5:30 A.M. Maximum Temperature 124 ef

Initial Hydrostatic Pressure (A) 2277 P.S.I.

Initial Flow Period Minutes 30 (B) 52 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period Minutes 45 (D) 62 P.S.I.

Final Flow Period Minutes 120 (E) 31 P.S.I. to (F) 31 P.S.I.

Final Closed In Period Minutes 90 (G) 52 P.S.I.

Final Hydrostatic Pressure (H) 2240 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Signature of Customer or his authorized representative

Western Representative Red Tiger - Thank you

FIELD INVOICE

Open Hole Test \$ 400.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ NC
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$

2076

-195

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	10-29-86	TICKET	:	11654	
CUSTOMER	:	HUMMON CORPORATION	LEASE	:	LAMBERT	
WELL	:	#1	TEST:	:	3	
ELEVATION	:	1876 KB	GEOLOGIST	:	R.C. LEWELLYN	
SECTION	:	4	FORMATION	:	VIOLA	
RANGE	:	13W	TOWNSHIP	:	30S	
GAUGE SN#	:	2606	STATE	:	KANSAS	
		COUNTY :	BARBER		CLOCK :	12
		RANGE :	4150			

INTERVAL FROM	:	4485	TO	:	4555	TOTAL DEPTH	:	4555
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4480	SIZE	:	6.63			
PACKER DEPTH	:	4485	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	RED TIGER	RIG #4		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	55
WEIGHT	:	9.2	WATER LOSS (CC)	:	14.4
CHLORIDES (PPM)	:	15000			
JARS-MAKE	:	NO	SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	1075	FT	I.D. inch	:	2.25
DRILL PIPE LENGTH	:	3388	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	70	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : STRONG BLOW ON THE INITIAL FLOW.
BLOW COMMENT #2 : STRONG BLOW DEPLEATING TO A GOOD BLOW ON THE
BLOW COMMENT #3 : FINAL FLOW.
BLOW COMMENT #4 :

RECOVERED : 20 FT OF: DRILLING MUD

Total Barrels Fluid = 0.10
Total Fluid Prod Rate = 0.94 BFPD
Indicated Wtr Rate = 0.85 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 12:45 PM

TIME STARTED OFF BOTTOM : 5:30 PM

WELL TEMPERATURE : 124

INITIAL HYDROSTATIC PRESSURE

(A) 2269

INITIAL FLOW PERIOD MIN: 30

(B) 45 PSI TO (C) : 45

INITIAL CLOSED IN PERIOD MIN: 42

(D) 49

FINAL FLOW PERIOD MIN: 120

(E) 39 PSI TO (F) : 39

FINAL CLOSED IN PERIOD MIN: 108

(G) 68

FINAL HYDROSTATIC PRESSURE

(H) 2246

170P

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : HUMMON CORPORATION
RIG : BARBER-KANSAS
FIELD : LAMBERT
WELL : #1
DATE : 10-29-86
GAUGE NO : 2606

OPERATIONAL COMMENTS

COMPANY : HUMMON CORPORATION

WELL : #1

GAUGE # : 2606

DATE : 29/10/86

FIELD : LAMBERT

JOB # : 11654

DEPTH : 4555

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
1	12:45: 0	0.000	45.000	51.11	0.000
2	12:49:60	0.083	45.000	51.11	0.000
3	12:55: 1	0.167	45.000	51.11	0.000
4	13: 0: 0	0.250	45.000	51.11	0.000
5	13: 4:60	0.333	45.000	51.11	0.000
6	13:10: 1	0.417	45.000	51.11	0.000
7	13:15: 0	0.500	45.000	51.11	0.000
8	13:18: 0	0.550	45.000	51.11	0.000
9	13:21: 0	0.600	45.000	51.11	0.000
10	13:24: 0	0.650	45.000	51.11	0.000
11	13:27: 0	0.700	45.000	51.11	0.000
12	13:30: 0	0.750	45.000	51.11	0.000
13	13:33: 0	0.800	45.000	51.11	0.000
14	13:36: 0	0.850	45.000	51.11	0.000
15	13:39: 0	0.900	46.000	51.11	1.000
16	13:42: 0	0.950	47.000	51.11	1.000
17	13:45: 0	1.000	48.000	51.11	1.000
18	13:48: 0	1.050	49.000	51.11	1.000
19	13:51: 0	1.100	49.000	51.11	0.000
20	13:54: 0	1.150	49.000	51.11	0.000
21	13:57: 0	1.200	49.000	51.11	0.000
22	13:58: 1	1.217	39.000	51.11	-10.000
23	14: 1:60	1.283	39.000	51.11	0.000
24	14: 7: 1	1.367	39.000	51.11	0.000
25	14:12: 0	1.450	39.000	51.11	0.000
26	14:16:60	1.533	39.000	51.11	0.000
27	14:22: 1	1.617	39.000	51.11	0.000
28	14:27: 0	1.700	39.000	51.11	0.000
29	14:31:60	1.783	39.000	51.11	0.000
30	14:37: 1	1.867	39.000	51.11	0.000
31	14:42: 0	1.950	39.000	51.11	0.000
32	14:46:60	2.033	39.000	51.11	0.000
33	14:52: 1	2.117	39.000	51.11	0.000
34	14:57: 0	2.200	39.000	51.11	0.000
35	15: 1:60	2.283	39.000	51.11	0.000
36	15: 7: 1	2.367	39.000	51.11	0.000
37	15:12: 0	2.450	39.000	51.11	0.000
38	15:16:60	2.533	39.000	51.11	0.000
39	15:22: 1	2.617	39.000	51.11	0.000
40	15:27: 0	2.700	39.000	51.11	0.000
41	15:31:60	2.783	39.000	51.11	0.000
42	15:37: 1	2.867	39.000	51.11	0.000
43	15:42: 0	2.950	39.000	51.11	0.000
44	15:46:60	3.033	39.000	51.11	0.000
45	15:52: 1	3.117	39.000	51.11	0.000
46	15:57: 0	3.200	39.000	51.11	0.000
47	16: 0: 0	3.250	39.000	51.11	0.000
48	16: 3: 0	3.300	39.000	51.11	0.000
49	16: 6: 0	3.350	39.000	51.11	0.000
50	16: 9: 0	3.400	39.000	51.11	0.000
51	16:12: 0	3.450	39.000	51.11	0.000
52	16:15: 0	3.500	39.000	51.11	0.000

COMPANY : HUMMON CORPORATION

WELL : #1

GAUGE # : 2606

DATE : 29/10/86

FIELD : LAMBERT

JOB # : 11654

DEPTH : 4555

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
53	16:18: 0	3.550	39.000	51.11	0.000
54	16:21: 0	3.600	39.000	51.11	0.000
55	16:24: 0	3.650	39.000	51.11	0.000
56	16:27: 0	3.700	39.000	51.11	0.000
57	16:30: 0	3.750	39.000	51.11	0.000
58	16:33: 0	3.800	39.000	51.11	0.000
59	16:36: 0	3.850	39.000	51.11	0.000
60	16:39: 0	3.900	39.000	51.11	0.000
61	16:42: 0	3.950	39.000	51.11	0.000
62	16:45: 0	4.000	39.000	51.11	0.000
63	16:48: 0	4.050	39.000	51.11	0.000
64	16:51: 0	4.100	39.000	51.11	0.000
65	16:54: 0	4.150	39.000	51.11	0.000
66	16:57: 0	4.200	39.000	51.11	0.000
67	17: 0: 0	4.250	39.000	51.11	0.000
68	17: 3: 0	4.300	39.000	51.11	0.000
69	17: 6: 0	4.350	39.000	51.11	0.000
70	17: 9: 0	4.400	39.000	51.11	0.000
71	17:12: 0	4.450	39.000	51.11	0.000
72	17:15: 0	4.500	39.000	51.11	0.000
73	17:18: 0	4.550	39.000	51.11	0.000
74	17:21: 0	4.600	39.000	51.11	0.000
75	17:24: 0	4.650	39.000	51.11	0.000
76	17:27: 0	4.700	39.000	51.11	0.000
77	17:30: 0	4.750	39.000	51.11	0.000
78	17:33: 0	4.800	39.000	51.11	0.000
79	17:36: 0	4.850	39.000	51.11	0.000
80	17:39: 0	4.900	46.000	51.11	7.000
81	17:42: 0	4.950	58.000	51.11	12.000
82	17:45: 0	5.000	68.000	51.11	10.000

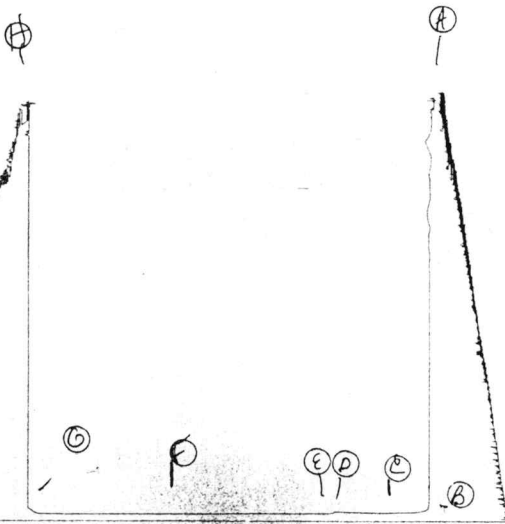
WESTERN TESTERS INC.

2606 DST#3

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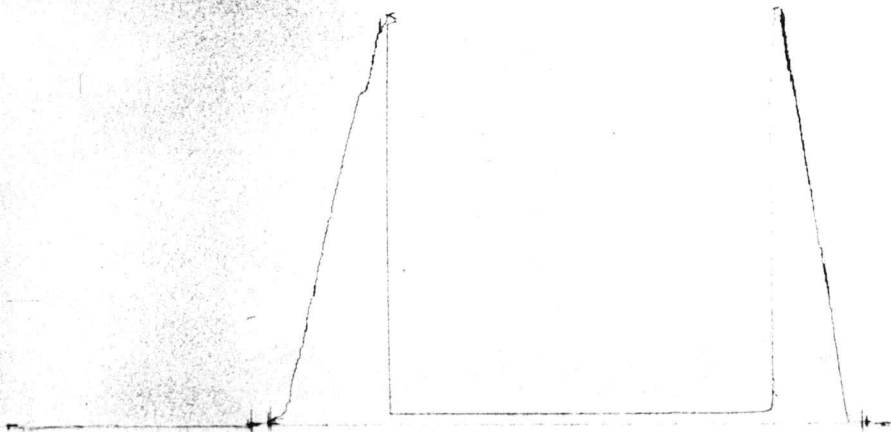
JK # 11654

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1051 DST #3

Kit # 11654
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WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 11655

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1876 KB Formation Simpson Eff. Pay _____ Ft.

District 12 PRATT Date 10-30-86 Customer Order No. _____

COMPANY NAME Hammann Corp

ADDRESS 400 One Main Place Wichita Kansas 67202

LEASE AND WELL NO. #1 Lambert COUNTY Barber STATE Kansas Sec. 4 Twp. 30S Rge. 13W

Mail Invoice To SAME No. Copies Requested Req

Co. Name

Address

Mail Charts To SAME No. Copies Requested Req

Address

Formation Test No. 4 Interval Tested From 4583 ft. to 4616 ft. Total Depth 4616 ft.

Packer Depth 4578 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4583 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4586 ft.

Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4589 ft.

Recorder Number 1051 Cap. 4250

Below Straddle Recorder Depth _____ ft.

Recorder Number _____ Cap. _____

Drilling Contractor Red T-194R Rig 4

Drill Collar Length _____ I. D. _____ in.

Mud Type Chem Viscosity 46

Weight Pipe Length 1075 I. D. 2 1/2 in.

Weight 9.1 Water Loss 9.6 cc.

Drill Pipe Length 3486 I. D. 3.8 in.

Chlorides 4300 P.P.M.

Test Tool Length 22 ft. Tool Size 5 1/2 OD in.

Jars: Make NO Serial Number _____

Anchor Length 33 ft. Size 5 1/2 OD in.

Did Well Flow? NO Reversed Out NO

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Very weak blow on initial flow

Recovered _____ ft. of _____

Recovered 10 ft. of mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: _____

Time On Location 9:30 A.M. Time Pick Up Tool 10:15 A.M. Time Off Location 4:30 A.M.

Time Set Packer(s) 11:30 A.M. Time Started Off Bottom 2:00 A.M. Maximum Temperature 126 °F

Initial Hydrostatic Pressure _____ (A) 2272 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 52 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 41 P.S.I.

Final Flow Period _____ Minutes 30 (E) 31 P.S.I. to (F) 31 P.S.I.

Final Closed In Period _____ Minutes 45 (G) 31 P.S.I.

Final Hydrostatic Pressure _____ (H) 2240 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative

Western Representative [Signature] Thank you

FIELD INVOICE

Open Hole Test \$ 400.00
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ 12
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ _____

2076

195

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 10-30-86	TICKET	: 11655
CUSTOMER	: HUMMON CORPORATION	LEASE	: LAMBERT
WELL	: #1 TEST: 4	GEOLOGIST	: R.C. LEWELLYN
ELEVATION	: 1876 KB	FORMATION	: SIMPSON
SECTION	: 4	TOWNSHIP	: 30S
RANGE	: 13W	STATE	: KANSAS
GAUGE SN#	: 2606	CLOCK	: 12
	COUNTY : BARBER		
	RANGE : 4150		

INTERVAL FROM	: 4583	TO	: 4616	TOTAL DEPTH	: 4616
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4578	SIZE	: 6.63		
PACKER DEPTH	: 4583	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: RED TIGER RIG #4		
MUD TYPE	: CHEMICAL	VISCOSITY	: 46
WEIGHT	: 9.1	WATER LOSS (CC)	: 7.6
CHLORIDES (PPM)	: 4300		
JARS-MAKE	: NO	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 1075	FT	I.D. inch	: 2.25
DRILL PIPE LENGTH	: 3486	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 22	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 33	FT	ANCHOR SIZE	: 5.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4.5 FH

BLOW COMMENT #1 : VERY WEAK BLOW ON THE INITIAL FLOW.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: MUD

Total Barrels Fluid = 0.05
Total Fluid Prod Rate = 4.18 BFPD
Indicated Wtr Rate = 1.06 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 11:30 AM

TIME STARTED OFF BOTTOM : 2:00 PM

WELL TEMPERATURE : 126

INITIAL HYDROSTATIC PRESSURE

(A) 2250

INITIAL FLOW PERIOD MIN: 30

(B) 31 PSI TO (C) : 31

INITIAL CLOSED IN PERIOD MIN: 42

(D) 33

FINAL FLOW PERIOD MIN: 30

(E) 30 PSI TO (F) : 30

FINAL CLOSED IN PERIOD MIN: 48

(G) 30

FINAL HYDROSTATIC PRESSURE

(H) 2215

170P

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : HUMMON CORPORATION
RIG : BARBER-KANSAS
FIELD : LAMBERT
WELL : #1
DATE : 10-30-86
GAUGE NO : 2606

OPERATIONAL COMMENTS

COMPANY : HUMMON CORPORATION
WELL : #1
GAUGE # : 2606
DATE : 30/10/86

FIELD : LAMBERT
JOB # : 11655
DEPTH : 4616
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11:30: 0	0.000	31.000	52.22	0.000
2	11:34:60	0.083	31.000	52.22	0.000
3	11:40: 1	0.167	31.000	52.22	0.000
4	11:45: 0	0.250	31.000	52.22	0.000
5	11:49:60	0.333	31.000	52.22	0.000
6	11:55: 1	0.417	31.000	52.22	0.000
7	12: 0: 0	0.500	31.000	52.22	0.000
8	12: 3: 0	0.550	31.000	52.22	0.000
9	12: 6: 0	0.600	31.000	52.22	0.000
10	12: 9: 0	0.650	31.000	52.22	0.000
11	12:12: 0	0.700	31.000	52.22	0.000
12	12:15: 0	0.750	31.000	52.22	0.000
13	12:18: 0	0.800	31.000	52.22	0.000
14	12:21: 0	0.850	31.000	52.22	0.000
15	12:24: 0	0.900	31.000	52.22	0.000
16	12:27: 0	0.950	31.000	52.22	0.000
17	12:30: 0	1.000	31.000	52.22	0.000
18	12:33: 0	1.050	31.000	52.22	0.000
19	12:36: 0	1.100	31.000	52.22	0.000
20	12:39: 0	1.150	31.000	52.22	0.000
21	12:42: 0	1.200	33.000	52.22	2.000
22	12:43: 1	1.217	30.000	52.22	-3.000
23	12:46:60	1.283	30.000	52.22	0.000
24	12:52: 1	1.367	30.000	52.22	0.000
25	12:57: 0	1.450	30.000	52.22	0.000
26	13: 1:60	1.533	30.000	52.22	0.000
27	13: 7: 1	1.617	30.000	52.22	0.000
28	13:12: 0	1.700	30.000	52.22	0.000
29	13:15: 0	1.750	30.000	52.22	0.000
30	13:18: 0	1.800	30.000	52.22	0.000
31	13:21: 0	1.850	30.000	52.22	0.000
32	13:24: 0	1.900	30.000	52.22	0.000
33	13:27: 0	1.950	30.000	52.22	0.000
34	13:30: 0	2.000	30.000	52.22	0.000
35	13:33: 0	2.050	30.000	52.22	0.000
36	13:36: 0	2.100	30.000	52.22	0.000
37	13:39: 0	2.150	30.000	52.22	0.000
38	13:42: 0	2.200	30.000	52.22	0.000
39	13:45: 0	2.250	30.000	52.22	0.000
40	13:48: 0	2.300	30.000	52.22	0.000
41	13:51: 0	2.350	30.000	52.22	0.000
42	13:54: 0	2.400	30.000	52.22	0.000
43	13:57: 0	2.450	30.000	52.22	0.000
44	14: 0: 0	2.500	30.000	52.22	0.000

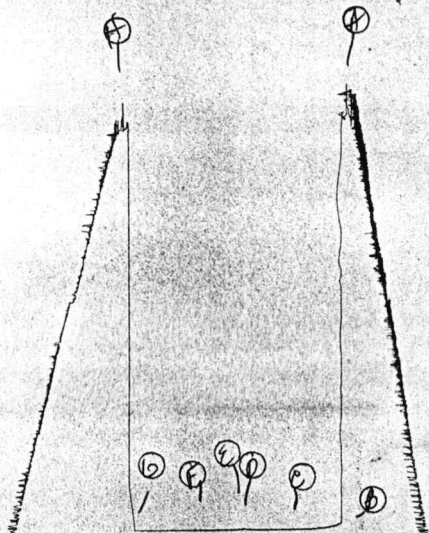
WESTERN TESTERS INC.

2606 DST #4



Site # 11655

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1051 DST #4

2/24 #11655
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